

L9 ANSWER 26 OF 29 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1969:115861 CAPLUS

DOCUMENT NUMBER: 70:115861

TITLE: Fluorolefin polymers and copolymers

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SOURCE: Jpn. Tokkyo Koho, 5 pp.

CODEN: JAXXAD

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 44001216	B4	19690120	JP	19651101
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AB Polymers and copolymers from  $\text{RCH:CH}(\text{CH}_2)_n\text{O}_2\text{CCR}':\text{CH}_2$  (R is C1-10 fluoroalkyl, R' is H or Me, n is 2-10) is claimed. In an example, a mixt. of 45 g.  $\text{CF}_3(\text{CF}_2)_6\text{CH:CHCH}_2\text{CH}_2\text{O}_2\text{CCH:CH}_2$ , 25 g.  $\text{CH}_2:\text{CMeCO}_2\text{Me}$ , 500 cc.

H<sub>2</sub>O

(free from O), 5 g.  $\text{C}_7\text{F}_{15}\text{CO}_2\text{NH}_4$ , and 35 g.  $\text{Me}_2\text{CO}$  is heated to 50.degree. in N with stirring, and polymn. is conducted 6 hrs. at 60-5.degree. after the addn. of 2.5 g.  $\text{K}_2\text{S}_2\text{O}_8$  in 100 cc. H<sub>2</sub>O to give the stable \*\*\*emulsion\*\*\* (I) of 6.5 wt. %. Cotton or leather, treated with 1% concn. of I and dried at 100.degree. or 130.degree., resp., shows good H<sub>2</sub>O repellence. Softening point of the polymer is >50.degree..

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